

The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

WRENTHAM STATE SCHOOL (Full  
included)

FOR THE

YEAR ENDING NOVEMBER 30,

1933

DEPARTMENT OF MENTAL DISEASES



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## WRENTHAM STATE SCHOOL

[Post Office Address: Wrentham, Mass.]

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DR. H. B. C. REIMER, *Oculist*.  
DR. HALSEY B. LODER, *Surgeon*.

### TRUSTEES' REPORT

*To His Excellency, the Governor, the General Court and the Commissioner of Mental Diseases:*

The Board of Trustees of the Wrentham State School has met regularly throughout the past year and has duly considered the matters brought before it by the Superintendent and has given a great deal of special attention to the development of the nursing personnel as well as to the general matters of the administration of the school.

The principal results of the year's activities on the part of the Trustees may be stated as having had two general directions. In the first place, there has been definite enlargement of the duties and responsibilities of the Board, so that it takes a much more active part in the details of the administration of the school than has previously been done. This enlargement of its duties, we believe, is in accordance with the powers granted to the Board of Trustees by the law, does not impede the chief executive of the institution in any way, and yet insures that the public, represented by the Board, is actively participating in such matters of administration and supervision as are necessary for a good institution. We believe that as a result of this greater activity on the part of the Board, the administrative work of the school has been improved and that the care of the individual patients has benefited.

At the same time the Board has moved on to a more complete accord with the Superintendent and the Department of Mental Diseases. The Board inherited a disharmonious situation. This situation has gradually been ironed out, so that at the present time harmony prevails in the institution.

There is one point which the Board wishes to make for the improvement of the school. The individual patient is very well cared for, and the school quite admirably fulfills its function as a teaching and custodial institution for the feeble-minded.

There is, however, little research being done in the institution, and that is mainly due to the lack of funds for this purpose. It is the sincere hope of the Board that some time in the near future it will be possible for the state to organize and prosecute researches in the causation and treatment of feeble-mindedness.

Respectfully submitted,

ABRAHAM MYERSON, *Chairman*  
AILEEN C. MORRISON, *Secretary*  
WARREN J. SWETT  
JAMES A. MULHALL

MARY E. DePASQUALE MURRAY  
FRANK J. NERNEY  
ALBERT J. SARGENT

*Trustees.*

## REPORT OF THE SUPERINTENDENT

To the Trustees of the Wrentham State School:

I hereby respectfully submit to you this annual report for the year ending November 30, 1933. The movement of the population has been as follows:

	Male	Female	Total
1. On Books of institution Nov. 30, 1932:			
In institution . . . . .	677	986	1,663
Absent . . . . .	60	118	178
Total . . . . .	737	1,104	1,841
2. Admissions during Year:			
First admissions . . . . .	146	80	226
Readmissions to Wrentham State School . . . . .	6	2	8
Transfers from other Institutions for Feeble-minded . . . . .	4	2	6
Total received during Year . . . . .	156	84	240
3. Total on books during year . . . . .	893	1,188	2,081
4. Dismissals during Year:			
Discharges (No transfers nor deaths) . . . . .	20	25	45
Transfers (to other institutions for Feeble-minded) . . . . .	4	2	6
Deaths (including deaths away from institution) . . . . .	16	21	37
Total Dismissed during Year . . . . .	40	48	88
5. Remaining on books on Institution Nov. 30, 1933:			
In institution . . . . .	771	1,013	1,784
Absent . . . . .	82	127	209
Total . . . . .	853	1,140	1,993

Of the 240 admissions during the year, the following table gives the ages in five-year periods:

*Admissions during the year December 1, 1932 to November 30, 1933*

Age Groups	Male	Female	Total
Under 5 years . . . . .	22	13	35
5 to 9 years . . . . .	58	20	78
10 to 14 years . . . . .	53	16	69
15 to 19 years . . . . .	15	18	33
20 to 24 years . . . . .	6	8	14
25 to 29 years . . . . .	—	7	7
30 to 34 years . . . . .	1	1	2
35 to 39 years . . . . .	—	—	—
40 to 44 years . . . . .	—	—	—
45 to 49 years . . . . .	—	1	1
50 to 54 years . . . . .	—	—	—
55 to 59 years . . . . .	1	—	1
Total Admissions . . . . .	156	84	240

During the year there were 240 admissions, due principally to the opening of the new infirmary building for boys with a capacity of 112. This is the largest number of admissions since 1923.

Since that date there have been the following number of annual admissions:

Year	Number	Year	Number
1924 . . . . .	192	1929 . . . . .	129
1925 . . . . .	135	1930 . . . . .	108
1926 . . . . .	128	1931 . . . . .	171
1927 . . . . .	145	1932 . . . . .	157
1928 . . . . .	121		

The transfer of all boys suffering from spastic paralysis or other infirmities, from various departments of the school to this new dormitory, has permitted an improved classification in all of the boys' houses. Considerable overcrowding in certain departments was relieved and many boys were admitted whose applications had been on the waiting list for one or more years, and who were serious community problems.

The following facts concerning new admissions are of interest:

47% were under 10 years of age.

76% were under 15 years of age.

90% were under 20 years of age.

95% were under 25 years of age.

A survey of old applications dating back to 1912 was undertaken during the latter part of the year to determine how many of the applicants still desire admission, and will be continued until all applications on our waiting list are active and urgently in need of institutional care. Although the study is not completed, it already shows that over 250 may be removed from the list of 959 which was the total of the waiting list when the study was started. Reasons for withdrawal are as follows:

Admission not now desired . . . . .	102
No information obtainable from agency formerly interested . . . . .	51
Adjusted in community . . . . .	42
Admitted to another institution . . . . .	35
Moved to another State . . . . .	10
Died . . . . .	13

Replies to 182 inquiries have not been received.

The out-patient clinics held at the school every Wednesday have continued to be active, a total of 236 children being examined during the year. The report of the physician in charge of this clinic is given separately, as well as reports of the dentist, treasurer, head teacher and head social worker.

There have been no epidemics of contagious diseases and, except for 32 cases of pneumonia and 15 cases of tuberculosis, there has been very little serious illness. There have also been 8 cases of scarlet fever, 4 cases of erysipelas, 1 case of measles and 1 case of diphtheria. The Massachusetts General Hospital and the Pondville Hospital have continued their splendid cooperation in taking care of several children who had need of major surgery.

Dr. Roy Feemster of the Department of Public Health conducted some scarlet fever research work and gave the Dick test to 1,723 patients, finding 1,585 of these negative and 138 positive. A study was also made to determine whether or not it would be advisable to attempt immunization against scarlet fever to all those who had positive reactions. Dr. Frederick Leeder of the Department of Public Health has done considerable research work during the year concerning the contagion of pneumonia. Several children have had this illness every winter, and he made a study which will be recorded elsewhere, as to the type of germs found in the secretion of the nose and throat of patients who live in close proximity to those infected. Our consultants, Dr. George Vogel for nose and throat work and Dr. H. B. Reimer for eye disorders, have continued to give the school highly skilled services.

Lectures and clinics have been given by the Superintendent and other members of the staff to various college classes and to community organizations. A paper was read by the Superintendent before the annual meeting of the American Association on Mental Deficiency in Boston, entitled "The Need for Research in the Field of Mental Defect."

Visitors from many parts of this country, from Canada and from Europe spent some time at the school. A group of nearly 50 members of the American Psychiatric Association and of the American Association for the Study of the Mentally Deficient



who attended the annual meeting of these Associations in Boston visited the school on June 3rd.

The new officers' cottage was completed in December, making a total of 7 detached cottages for the staff and heads of departments. A new infirmary for boys was opened in March and this has been a very valuable addition to the institution.

Four new sewer beds were constructed during the year. Several of the old sewer beds should be dug out each year and replaced with suitable sand, and the sludge beds should be re-built during the coming year.

An addition to our standpipe was finished in October which now makes the water pressure adequate in all departments of the school.

The serving room in Dormitory "K" was entirely renovated. A new floor was put in, it was re-painted and new serving equipment was installed. This adds greatly to the facilities for serving food in that house, and it is now as attractive as any serving room on the grounds.

The following list of much-needed buildings for the institution was submitted for possible consideration under the National Recovery Act:

Infirmary for girls; gymnasium; alteration of school house; nursery for girls; addition to laundry; alteration and additions to power house, — with the suggestion that an entirely new power plant would be a wiser project than altering the old one.

Up to the end of the fiscal year nothing has been started on any of these projects. In November a request was received to list certain needed work that would be suitable for men on the welfare list and unemployed men in this vicinity to be paid for by the Civil Works Administration. Many projects were presented including grading, and developing a campus for an athletic field, construction of several needed roads, painting, pipe covering, electrical inspection and repair of fire escapes. As these projects were presented at the last of the fiscal year, no work was started until the following month.

The farm enjoyed a very successful year there being an abundance of fruit and vegetables throughout the year, and an ample supply for winter storage. 2,354 bushels of apples were stored in addition to many that were eaten in the orchards by the pickers. The average milk production was increased to the amount of 13,785.48 pounds per cow per year.

Some of the larger items of farm produced were the following in bushels: apples, 4,652; beans, string, 1,480; shelled, 248; beets, 440; cabbage, 3,638; corn, sweet, 431; cucumbers, 479; onions, 548; tomatoes, 566; potatoes, 5,890.

The canning plant operated with the usual difficulties of crowded space and inadequate equipment, but in spite of this the usual amount of canning was done.

The school department had a very successful year. The domestic science room was completely re-decorated and re-furnished during the summer, and it is intended to re-model and re-decorate the entire school house, doing part of this work each year. Three new teachers started work in September and have been doing excellent work considering the fact that they were entirely unfamiliar with the technique of work with the mentally defective child.

Recreation both indoors and outdoors has continued to be a very large and important part of the school life. There is no doubt but that the social and habit training obtained by attendance at parties, dances and entertainments and the competition of organized sports is extremely important. Baseball, football, basketball, archery, and croquet furnished great interest during the summer months and during the winter motion pictures, dances and indoor basketball furnished entertainment several times during the week. This year for the first time all of the children who go on outings furnished by the school were taken to Lake Pearl Park in Wrentham, all of the boys going on one day and all of the girls on another day. In former years the children went on outings in small groups and these outings were continued for three or more months. All of the children agreed that they enjoyed these outings more than any they had had and this custom will be continued next year. The management of Lake Pearl Park furnished every facility for the amusement of the children including a splendid place for a picnic luncheon. A total of 178 boys and 337 girls went on these outings. House parties and entertainments given by the boys and girls in the individual houses continued through the winter

months and during the year every house had not less than two of these parties.

Most of the children who come to a school of this sort come not simply because they are mentally defective, but because they have made social failures in the community, and there is no doubt that the training received at these parties and entertainments is fully as important for the ultimate success of each child as the training given in scholastic and in industrial work.

Many entertainments by outside groups from nearby cities and towns were given during the year which were greatly enjoyed by the children. The school is much indebted to these people for their interest and sacrifice of time in giving us band concerts and other kinds of entertainments. The spring play entitled "The Gypsy Troubadour," given in April, was a very high class performance, and after being given 3 times at the school was repeated at the Medfield State Hospital, the Norfolk Prison Colony and the Massachusetts Hospital School. The school is also indebted to the management of both the Boston Braves and the Red Sox for permitting our boys to be guests at the games several times during the season.

The many items in the Budget requests for 1934 are of major importance but the most urgent needs are —

Addition to the vegetable cellar.

Addition to the canning plant with new equipment.

New bakery equipment.

New pasteurizer.

New equipment for Dormitory "A" serving room, and

New kitchen floor.

The Children's Clinical Building intended for research projects is being used as a psychological laboratory and as permanent offices for the psychologists and social workers. This makes a splendid place for the out-patient clinics that are held every Wednesday. The large rooms intended for research in pathology, biochemistry and other possible avenues of research have not been equipped and no provision has been made for personnel to operate these departments. Research work to determine the causes and methods of preventing mental deficiency should be a permanent part of our State program and it is to be hoped that means for carrying on this work will be available in the near future. An x-ray outfit and equipment for the Children's Clinical Building was asked for last year and is asked for again this year. Our present outfit is suitable only for simple fractures and will not do any satisfactory x-ray work on the head, chest or abdomen. In the line of general construction the most needed additions to the institution are a gymnasium and an infirmary for girls, both of which are on the Public Works program and have been on the plan for completing the institution for years.

The only addition to the medical staff during the year was Dr. William J. Johnson who entered the service as assistant physician on May 1st. He had considerable experience at the Danvers State Hospital and wide experience in general practice in Lowell.

One of the original employees of the institution, Mr. John Conroy, retired from the service on November 11th. He worked with contractors in the construction of many buildings both at the Fernald School in Waverley, and in the erection of the first buildings in this institution. He became a regular employee of this school on January 7, 1909, and did various types of construction work here until his retirement.

The clergymen have conducted regular religious services at the school and have, on all occasions, been very cooperative in visiting the seriously ill.

Grateful acknowledgment is made of gifts sent to the children by the many friends of the school.

Throughout the year the staff and heads of departments have shown splendid cooperation and their unfailing loyalty has been of great assistance.

I wish to express my appreciation to the trustees for their regular attendance at all meetings and continued active interest in the welfare of the school.

Respectfully submitted,

C. STANLEY RAYMOND, M.D.,

*Superintendent.*

## REPORT OF DENTAL DEPARTMENT

*To the Superintendent of the Wrentham State School:*

I hereby respectfully submit to you this annual report for the year ending November 30, 1933.

Examinations, 1,876; extractions, permanent, 793; extractions, deciduous, 406; fillings, permanent, 1,263; fillings, deciduous, 203; prophylactic treatments, 1,405; pulp treatments, deciduous, 6; pulp treatments, permanent, 27; new patients 206; X-ray, 176; post extraction treatments, 456; silver reduction treatments, 348; local anaesthesia, 470; general anaesthesia, 26; artificial dentures, 3; bridges, 1; bridges reset, 2; repaired dentures, 13; porcelain inlays, 3; porcelain inlays reset, 1; miscellaneous treatments, 242; laboratory hours, 10; dismissals, 1,266; total operations, 4,024; total patients, 2,518; total operating hours, 1,520.

Approximately half the total number of children treated during the past year were dismissed, which means that all operative work was completed, and about three-fourths of those dismissed received the "Clean Teeth Certificate" which is awarded once a year.

Of 206 newly admitted patients, 62 had received some dental treatment before admission, 38 children required prophylaxis only and 5 were in need of some type of prosthetic restoration in addition to operative care. The teeth of most of these children were badly stained, and localized areas of gingivitis revealed the presence of irritating deposits.

There were but 3 artificial dentures made during the year, and 1 fixed restoration, a bridge; and although this is about a third of the number made last year, the number of repaired dentures is slightly higher.

Two cases were referred for radical surgery, one Ludwig's Angina and the other a cyst approximating the antrum.

Acute Vincent's Infection is negligible compared with its incidence in other years. The chronic type, however, has been present in some of the low grade children whose mouths are generally unclean.

Local anaesthesia for extractions is routine procedure; but general anaesthesia is resorted to for those patients whose physical condition or mental reaction compel the use of general anaesthesia.

The change from the "Clean Teeth" pin to the "Certificate" has proven economical, and very satisfactory from the standpoint of oral hygiene.

I am grateful to those who in any way have helped in maintaining clean teeth among the children.

Respectfully submitted,

JOHN A. NASH, D.M.D.

## REPORT OF THE SOCIAL SERVICE DEPARTMENT

*To the Superintendent of the Wrentham State School:*

I hereby respectfully submit to you this annual report of the social service department for the year ending November 30, 1933.

As in the preceding year the 3 social workers have been engaged in the work of taking social histories at the out-patient clinic held at the school every Wednesday, in making home and social investigations and in the placement and supervision of boys and girls in the community.

The number of out-patient social histories taken at the school was 218. A total of 1,307 visits was made in the community to patients, relatives, social agencies and others. Before the actual placement and supervision came the home and social investigations in response to requests of relatives and prospective employers and 148 such investigations were made.

As a result of the investigations 59 boys and girls were placed on trial in the community during the year. Emphasis has been placed on the return to the community of the girl with high grade mentality, the girl who has been in the school for a long period of time and the girl who has previously failed to adjust during her trial period in the community.

The general economic depression has effected the work of the department to a considerable degree. It has been difficult to obtain permanent positions for the boys. Eight boys were placed on market-garden farms for seasonal work and 1 boy was placed for year round work. Twenty-six girls were placed in homes as mothers'



helpers during the year. Four of these were girls who had previously been employed but who have lost their positions because of financial stress in the home. In most cases the wages have been reduced to a low figure. The homes are rich only in the opportunities they give the girl for development, usefulness and happiness. At the present time 43 girls are employed as mothers' helpers. On November 30, 1933 a total of 113 boys and girls were living in the community under the supervision of this department.

There is still need of more specialized training for the girls who are considered for return to the community. Competition is now keen in the types of work in which our girls can be placed. Many experienced well-trained girls and women are looking for positions as mothers' helpers. The girls from the school might be more successful could they receive training while in the school in the simple duties of the average home. This training should be given in a setting similar to that of a home in which they would later live and work. At the present time there is no place in the institution where such training can be given except in cottages of the staff where only 1 girl at a time can be trained. Might training be given in a specially equipped cottage under the direction of a household arts teacher or in a group of rooms furnished like the average wage home under the direction of a well-trained housekeeper? Small groups of carefully selected girls would then receive systematic, intensive training and would be better prepared to meet the transition from institutional to community and home life.

During the coming year emphasis will continue on the placement and adjustment of the boys and girls in the community. Special attention may well be given to the older boy or girl of high mental rating, not only to relieve the possible overcrowding of the school but to make room for the younger child in urgent need of training and care. The possibility of a contribution to research on some social aspect of mental deficiency is being given consideration by this department. There are several interesting and practical problems connected with the placement, supervision and adjustment of a child in the community upon which it might be worth while to collect and analyze data.

Grateful acknowledgment is made for the assistance of the Superintendent and staff of the school, for the guidance of the Director of Social Work, Department of Mental Diseases, and for the loyal co-operation of the social workers in the department.

Respectfully submitted,

HAWLEY PIERCE FOSTER,  
*Head Social Worker.*

## REPORT OF THE PUBLIC SCHOOL EXAMINER

*To the Superintendent of the Wrentham State School:*

The report of the Wrentham out-patient clinic and the traveling school clinic is respectfully submitted.

During the year from December 1, 1932 to November 30, 1933, the out-patient clinic held at the school on Wednesday of each week examined, diagnosed and gave recommendations for 236 patients — 138 males, 98 females. Of these individuals 48 have been admitted to the school.

The traveling school clinic has examined 900 pupils in the public schools of the following towns and cities during the same year.

	Total	Boys	Girls
Attleboro . . . . .	48	34	14
Brockton . . . . .	218	159	59
Cambridge . . . . .	152	98	54
Chelsea . . . . .	96	61	35
Dedham . . . . .	45	33	12
Framingham . . . . .	12	8	4
Franklin . . . . .	11	7	4
Marlboro . . . . .	82	54	28
North Attleborough . . . . .	20	16	4
Plymouth . . . . .	42	34	8
Quincy . . . . .	154	100	54



Winthrop . . . . .	20	2	8
Total . . . . .	900	616	284

The Town of Milford was visited in October, 1932, and the work so thoroughly surveyed that it did not seem necessary to examine children there until the spring of 1934 as the examinations in some of the other assignments had not been fully completed.

Wrentham, another town in which we occasionally test pupils, had few retarded in attendance, the number being too small for the establishment of a special class.

The total number seen by both clinics is, therefore, 1,118.

In the out-patient clinic a much more interesting group medically is seen because of more varied deviations from the normal both physically and mentally. This group includes the very young child who early shows abnormal development as well as the older feeble-minded adult who, for a time, has adjusted well in the community under favorable home conditions. The youngest child examined was 7 months, the oldest 55 years. The larger number were simply feeble-minded people or high grade morons without definite stigmata yet not adjusting socially or academically.

The lowest intelligence rating was an Intelligence Quotient .02 — the highest 1.27.

50 had an intelligence below . . . . .	.40
30 had an intelligence between . . . . .	.40—.49
29 had an intelligence between . . . . .	.50—.59
32 had an intelligence between . . . . .	.60—.69
44 had an intelligence between . . . . .	.70—.79
32 had an intelligence between . . . . .	.80—.89
14 had an intelligence between . . . . .	.90-1.09
5 had an intelligence above . . . . .	1.10

Physical examination of some of these patients found 21 epileptic; 10 were congenitally syphilitic; 7 showed endocrine imbalance; 6 were Mongolians; 6 had spastic paralysis, diplegia type; 5 were hydrocephalic; 5 had psychotic symptoms—1 dementia praecox; 4 were post encephalitic; 3 were definitely hemiplegic; 2 were microcephalic and 2 had persistent thymus. There were other forms of brain damage, accidental or inflammatory, other than encephalitis.

Also, 26 were definitely delinquent, 15 having been sent by the South Norfolk District Court, and 20 were behavior problems or sex offenders who, unless carefully supervised, are potentially due to come under Court jurisdiction.

In the traveling school clinic 705 children — 475 boys, 230 girls, were examined for the first time; 195 — 140 boys, 55 girls, were re-examined having been seen at a previous time.

Of those tested at the first examination, 193 — 119 boys, 74 girls, were definitely feeble-minded having a mental rating of less than a .69 intelligence quotient; 245 — 161 boys, 84 girls, were found in the borderline grouping having their I. Q. between .70 and .79; 191 — 140 boys, 51 girls, had a mental rating placing them as dull normal with an I. Q. of .80 to .89; 73 — 54 boys, 19 girls, had an average or normal intelligence, the I. Q. being from .90 to 1.09. One girl had a superior rating, her I. Q. above 1.10. Two, 1 boy and 1 girl, were deferred for diagnosis later.

Thirty-five children chronologically above 6 years of age and older were found to have a mental age below the 6 year level. Eleven of these were below 4 years mentally; 4 were less than 5 years intellectually and 24 showed a maturity of 5 years.

These children, therefore, did not have the mental capacity for the proper understanding of the primary class. As a rule they are restless, distractible and do not adjust to school routine not comprehending what the teacher presents.

Those re-examined were diagnosed as follows: 89—58 boys, 31 girls, were definitely feeble-minded, their psychometric ratings being .69 or below; 60 — 46 boys, 14 girls, had a borderline classification, the I. Q. being .70—.79; 35 — 27 boys, 8 girls, were dull normal having intelligence ratings of .80—.89; 10 — 8 boys, 2 girls were of average mentality, the tests giving them a rating of .90 to 1.09. One was deferred for diagnosis later.

Those with the higher mental ratings were retarded in their school work largely

because of reading disability. It is quite noticeable that a more active interest and effort is being made to help pupils who need special methods to enable them to read.

In the main those tested were well nourished and clothed, many apparently appearing as average children with no stigmata. Considering the labor situation and the fact that a fairly large proportion of children presented were from homes aided by welfare agencies, it was expected that a large number would be below average weight for age and height. The percentage 19.5 of those 7% and more below the normal for their age and height compared favorably with other years; 27.08% were 5 pounds or more above the average — 12 of this group were so much above normal that they were diagnosed as having an endocrine imbalance. 53.5% were of average weight.

Sixty-six had vision so defective that they needed glasses. There were others who had poor eyesight but had had their eyes refracted and were wearing glasses.

Forty-seven had defective hearing; 2 were deaf and were being followed by a visiting teacher who was teaching lip reading; 12 had otitis media.

Ninety-two were in need of a tonsil operation; 6 revealed a valvular heart lesion but were able to take their place in classes; 13 showed definite signs of a central brain lesion having paralysis in some form and 1 showed definite Parkinsonian symptoms; 5 were thought to be luetic; 3 presented psychotic tendencies while 2 seemed to be definitely insane showing mental deterioration as in dementia praecox.

Six gave the history of epileptic seizures; 14, at some earlier period of their life, had had rickets as they showed the residuals of this disease; 4 were latent tubercular subjects, 3 being followed by the Chadwick clinic.

Eighteen had had Court experiences because of definite delinquency. From the history and general demeanor of 42 others, they promise to be real social problems. While not actively delinquent, they were not adjusting socially in the community.

The traveling clinic has had splendid cooperation in the cities and towns visited. The success of the work depends in a large measure upon this good will for which we wish to express our gratitude.

Respectfully submitted,

ALICE M. PATTERSON, M.D.

## REPORT OF THE SCHOOL DEPARTMENT

*To the Superintendent of the Wrentham State School:*

I hereby respectfully submit the annual report of the school department for the year ending November 30, 1933.

We have made steady progress in each department of the school during the year. The improvement of some of the children in the sense training classes, the pulse of our educational system, has been remarkable. From little undisciplined children at the first of the year, we have developed many so that they are able to practically care for themselves by the end of the school year. Much practical work is done such as buttoning and unbuttoning, lacing shoes, following directions as "close the door", "pick up the book" and many others of a like nature.

Reading is the basic subject in the primary grades and the Gates system, with modifications, is the method used. By the end of the year we have a goodly number of beginners who will be using the First Reader. The Model Store has been replenished and is found to be a very interesting means of teaching language, arithmetic (buying and selling) also etiquette, greeting the storekeeper, using please and thank you when making purchases. We also find that it helps to give an idea of the proper price for staple articles of which the average child has so little idea. The two upper classes have worked out several projects on the sand tables, and they have been found to be both edifying and pleasant.

The physical training classes have functioned along much of the same lines. In both boys' and girls' departments we have several classes of the slower children to whom especial attention is given. The older boys and girls enjoy their share too; the girls enjoying formal gymnastic work, folk dancing and basket ball; the boys wrestling, basket ball as well as formal work. These departments assist in producing the several operettas given during the season.

We consider the Domestic Science Department one of the most important

as the girls trained there are those whom we expect to be returned to the community as parole cases. It is the endeavor to instruct these girls to wash dishes cleanly, to know that everything has a place and should be kept there and to prepare and serve simple, well cooked meals. This room has been entirely remodeled, new furniture and equipment added, so now it is an ideal place in which to work. Many teas have been prepared and served by the classes to various groups of visitors and employees. The girls are taught table manners and waitress work.

Another bright spot in the school is the music department. All day classes are coming and going; some little ones for singing and the toy orchestra, others for part singing, classes for beginners in piano and the instruments of the band and orchestra, the choir of 30 mixed voices for religious services, an orchestra for dance and concert work as well as the band. Special music is prepared for the church services at Easter and Christmas that is well rendered and truly beautiful. The music department plays a large part in the production of the school operettas. Several concerts have been given by the combined glee club, choir, orchestra, and band. Various groups of visitors have enjoyed the music provided by the glee club.

During the winter months the social calendar is very full. Weekly parties are held, each dormitory taking its turn as well as the Thursday evening dances. The school department gave two very pretty operettas — "Santa in Storyland" and "The Gypsy Troubadour" in the spring, the latter being repeated several times at neighboring institutions. Friends of the school also brought their entertainments here which were greatly enjoyed and appreciated.

During the summer months the two playground instructors were kept busy going from building to building organizing games and sports. Archery, croquet, basket ball and tennis were enjoyed by the girls while much interest was shown by the boys in quoit throwing, basket ball, baseball and wrestling.

In closing I wish to thank the teachers for the whole hearted support which has been given me during the term just closed.

Respectfully submitted,

PEARL H. LITTLEFIELD,

Head Teacher.

## VALUATION

November 30, 1933

### REAL ESTATE

Land, 590 acres . . . . .	\$31,362.00
Buildings . . . . .	1,759,562.07
	<hr/>

\$1,790,924.07

### PERSONAL PROPERTY

Travel, transportation and office expenses . . . . .	\$275.00
Food . . . . .	11,577.72
Clothing and materials . . . . .	31,407.51
Furnishings and household supplies . . . . .	249,394.28
Medical and general care . . . . .	1,962.91
Heat and other plant operation . . . . .	4,448.38
Farm . . . . .	71,009.16
Garage and grounds . . . . .	3,384.53
Repairs . . . . .	12,497.59
	<hr/>

\$385,957.08

### SUMMARY

Real estate . . . . .	\$1,790,924.07
Personal property . . . . .	385,957.08
	<hr/>

\$2,176,881.15

## FINANCIAL REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1933.

### STATEMENT OF EARNINGS

Board of patients . . . . .	\$8,892.09
Personal Services:	
Reimbursement from Board of Retirement . . . . .	171.6¢
Sales:	
Travel, transportation and office expenses . . . . .	76.06
Food . . . . .	684.30
Clothing and materials . . . . .	51.89



Furnishings and household supplies . . . . .	21.35	
Medical and general care . . . . .	12.59	
Heat and other plant operation . . . . .	3.60	
Garage and grounds . . . . .	—	
Repairs Ordinary . . . . .	17.45	
Repairs and renewals . . . . .	—	
Arts and crafts sales . . . . .	—	
Miscellaneous — junk . . . . .	—	
Farm Cows and calves, \$279; vegetables, \$2.50; hides, \$1.00; molasses, (bbls.), \$6.60 . . . . .	289.10	
<b>Total sales . . . . .</b>		<b>\$1,156.34</b>
Miscellaneous:		
Interest on bank balances . . . . .	\$31.90	
Rents . . . . .	313.50	
Money belonging to discharged and escaped patients . . . . .	.67	
	28.54	
<b>Total, miscellaneous . . . . .</b>		<b>\$374.61</b>
<b>Total earnings for the year . . . . .</b>		<b>\$10,594.67</b>
<b>MAINTENANCE APPROPRIATION</b>		
Balance from previous year, brought forward . . . . .		\$9,493.00
Appropriation, current year . . . . .		443,080.00
<b>Total . . . . .</b>		<b>\$452,573.00</b>
Expenditures as follows:		
1. Personal services . . . . .	\$240,198.88	
2. Food . . . . .	69,791.85	
3. Medical and general care . . . . .	6,595.34	
4. Religious instruction . . . . .	1,647.25	
5. Farm . . . . .	28,290.73	
6. Heat and other plant operation . . . . .	29,888.33	
7. Travel, transportation and office expenses . . . . .	5,371.70	
8. Garage and grounds . . . . .	3,579.55	
9. Clothing and materials . . . . .	19,567.32	
10. Furnishings and household supplies . . . . .	15,275.45	
11. Repairs ordinary . . . . .	10,287.62	
12. Repairs and renewals . . . . .	2,648.07	
<b>Total maintenance expenditures . . . . .</b>		<b>\$433,142.09</b>
Balance of maintenance appropriation, Nov. 30, 1933 . . . . .		\$19,430.91
<b>SPECIAL APPROPRIATIONS</b>		
Balance December 1, 1932, brought forward . . . . .		\$129,122.55
Appropriations for current year . . . . .		—
<b>Total . . . . .</b>		<b>\$129,122.55</b>
Expended during the year (see statement below) . . . . .	\$61,164.13	
Reverting to Treasury of Commonwealth . . . . .	41,751.54	
(Star balances below that are reverting) . . . . .		102,915.67
<b>Balance November 30, 1933, carried to next year . . . . .</b>		<b>\$26,206.88</b>

APPROPRIATION	Act or Resolve	Total Amount Appropriated	Expended during Fiscal year	Total Expended to Date	Balance at end of Year
Power equipment . . . . .	1931-245	\$20,000.00	—	\$3,633.22	\$16,366.78*
Purchase of land . . . . .	1932-170	10,000.00	—	—	10,000.00
Certain land . . . . .					
Furnishing service building . . . . .	1931-245	13,000.00	89.87	12,992.05	7.95*
Furnishings 1930 nursery building . . . . .	1931-245	6,000.00	—	5,755.70	244.30*
Additional wells stand pipe and water supply . . . . .	1933-371	5,500.00	2,650.00	4,850.35	649.65
Additional sewer beds . . . . .	1931-268	15,000.00	13,481.66	15,000.00	—
Infirmary building . . . . .	1931-268	150,000.00	33,228.12	145,172.33	4,827.67
Employees' building . . . . .	1931-268	112,500.00	—	112,433.48	66.52*
Furnishing new buildings . . . . .	1931-268	20,000.00	11,542.42	19,649.47	350.53*
Heat plant equipment . . . . .	1933-371	24,300.00	—	—	24,300.00
New roof, boiler building . . . . .	1933-371	10,700.00	—	—	10,700.00
Tunnels . . . . .	1931-268	15,000.00	62.24	14,585.50	414.50*
Officer's cottage . . . . .	1931-268	9,000.00	109.82	8,999.04	.96*
Ovens and bakery . . . . .	1932- 69	8,800.00	—	8,770.44	29.56
		<b>\$419,800.00</b>	<b>\$61,164.13</b>	<b>\$351,841.58</b>	<b>\$67,958.42</b>

## PER CAPITA

During the year the average number of patients has been, 1,684.054.

Total cost of maintenance, \$433,142.09.

Equal to a weekly per capita cost of (52 weeks to year), \$4.9462.

Total receipts for the year, \$10,594.67.

Equal to a weekly per capita of \$1.210.

Total net cost of Maintenance for year (Total Maintenance less total receipts), \$422,547.42.

Net weekly per capita, \$4.8252.

Respectfully submitted,

ELIZABETH OLDHAM, Treasurer.

## STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN ASSOCIATION FOR THE STUDY OF THE FEEBLE-MINDED, PRESCRIBED BY THE MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. *General Information*

Data correct at end of institution year, September 30, 1933.

1. Date of opening as an institution for feeble-minded, 1910.	
2. Type of institution: State.	
3. Institution plant: Value of institution property:	
Real estate including buildings . . . . .	\$1,790,924.07
Personal property . . . . .	385,957.08
Total . . . . .	\$2,176,881.15
Total acreage of main institution property, 590.	
Total acreage under cultivation during year, 306.	

4. Officers and employees: (November 30, 1933)

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents . . . . .	1	—	1	—	—	—
Assistant superintendents . . . . .	1	—	1	—	—	—
Pathologists . . . . .	—	—	—	—	—	—
Other staff physicians . . . . .	2	3	5	1	—	1
Psychologists . . . . .	—	2	2	—	—	—
Resident dentists . . . . .	1	—	1	—	—	—
Principal of school . . . . .	—	1	1	—	—	—
Teachers of grade subjects . . . . .	—	6	6	—	—	—
Teachers of special subjects . . . . .	5	11	16	—	1	1
Social workers . . . . .	—	3	3	—	—	—
Stewards . . . . .	1	—	1	—	—	—
Matrons . . . . .	—	15	15	—	—	—
Attendants . . . . .	25	135	160	—	—	—
All others . . . . .	45	34	79	1	13	14
Total officers and employees . . . . .	81	210	291	2	14	16

5. Census of patient population at end of year:  
In Institution:

	WHITE			COLORED		
	M.	F.	T.	M.	F.	T.
Feeble-minded (not epileptic) . . . . .	647	898	1,545	23	19	42
Feeble-minded epileptics . . . . .	44	56	100	—	2	2
Epileptics (not feeble-minded) . . . . .	—	—	—	—	1	1
Others (specify) I. Q. .75 and over . . . . .	31	25	56	2	—	2
Total . . . . .	722	979	1,701	25	22	47

Enrolled but Absent from Institution\*

	WHITE			COLORED		
	M.	F.	T.	M.	F.	T.
On parole . . . . .	27	76	103	4	9	13
On visit . . . . .	25	14	39	1	1	2
On escape (not paroled) . . . . .	28	25	53	2	3	5
Total . . . . .	80	115	195	7	13	20

Grand Total . . . . . 802 1,094 1,896 32 35 67

6. Average daily number of patients actually in institution during year . . . . . 687.96 976.45 1,664.41

\*Includes 8 males with I.Q. .75 or over.

Includes 16 females with I.Q. .75 or over.

TABLE 2. *Financial Statement*

See Treasurer's report for data requested under this table.

TABLE 3. (a) *Movement of Feeble-minded Population*

For year beginning October 1, 1932 and ending September 30, 1933

	M.	F.	T.
1. Feeble-minded on books of institution at beginning of institution year:			
In institution . . . . .	635	950	1,585
Away from institution . . . . .	57	110	167
Total . . . . .	692	1,060	1,752
2. Admissions during year:			
a. First admissions . . . . .	128	72	200
b. Readmissions . . . . .	7	2	9
c. Transfers from other institutions for feeble-minded . . . . .	2	2	4
Total received during year . . . . .	137	76	213
3. Total on books during year . . . . .	829	1,136	1,965
4. Discharges during year (not including transfers and deaths) . . . . .	18	26	44
5. Transfers to other institutions for feeble-minded within state . . . . .	3	2	5
6. Died during year . . . . .	15	19	34
7. Total discharged, transferred and died during year . . . . .	36	47	83
8. Feeble-minded remaining on books of institution at end of institution year:			
In institution . . . . .	714	975	1,689

Away from institution . . . . .	79	112	191
Actual cards . . . . .	793	1,087	1,880

TABLE 3. (b) Movement of Total Patient Population

For the year beginning October 1, 1932 and ending September 30, 1933

	M.	F.	T.
1. On books of institution at beginning of institution year:			
In institution . . . . .	659	978	1,637
Away from institution . . . . .	65	125	190
Total . . . . .	724	1,103	1,728
2. Received during year . . . . .	146	78	224
3. Total on books during year (Includes total of items 1 and 2) . . . . .	870	1,181	2,051
4. Discharged:			
a. Into community . . . . .	18	31	49
b. To all other institutions . . . . .	3	2	5
c. Died . . . . .	15	19	34
Total . . . . .	36	52	88
5. On books of institution at end of institution year:			
In institution . . . . .	747	1,001	1,748
Away from institution . . . . .	87	128	215
Total . . . . .	834	1,129	1,963

NOTE:—Owing to the various changes in I. Q. occurring during the course of the Year it is impossible to have Table 3 balance at the end of the year. Some patients classified as Feeble-minded at beginning of the statistical year have been given a classification of Not Mentally Defective before the end of statistical year. Conversely, patients Not Mentally Defective who were not included in the totals for this table at the beginning of the statistical year will have been given a new I.Q. bringing them within the Feeble-minded group by the end of the institution year.

NOTE:—The following tables 4-14, inclusive, are for the statistical year ended September 30, 1933.

TABLE 4. Mental Status of First Admissions and Readmissions.

MENTAL STATUS	Total			First Admissions			Readmissions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Idiot . . . . .	37	14	51	36	14	50	1	—	1
Imbecile . . . . .	57	29	86	53	27	80	4	2	6
Moron . . . . .	41	31	72	39	31	70	2	—	2
Total . . . . .	135	74	209	128	72	200	7	2	9

TABLE 5. Nativity of First Admissions and of Parents of First Admissions

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States . . . . .	127	70	197	57	65	49	30	46	27
Canada <sup>1</sup> . . . . .	1	—	1	11	11	6	9	5	4
England . . . . .	—	—	—	3	3	2	1	3	—
Finland . . . . .	—	—	—	1	1	1	—	—	—
Germany . . . . .	—	—	—	—	1	—	—	—	—
Greece . . . . .	—	—	—	2	1	1	—	—	—
Ireland . . . . .	—	2	2	8	12	6	6	5	5
Italy . . . . .	—	—	—	9	7	7	11	7	7
Poland . . . . .	—	—	—	2	5	2	2	1	1
Portugal . . . . .	—	—	—	9	6	6	2	1	1
Russia . . . . .	—	—	—	13	10	10	1	1	1
Scotland . . . . .	—	—	—	2	—	—	1	—	—
South America . . . . .	—	—	—	—	1	—	—	—	—
Sweden . . . . .	—	—	—	—	—	—	1	—	—
Wales . . . . .	—	—	—	1	1	1	—	—	—
West Indies <sup>2</sup> . . . . .	—	—	—	1	1	1	—	—	—
Other countries . . . . .	—	—	—	3	3	3	2	2	2
Unascertained . . . . .	—	—	—	6	—	—	6	1	1
Total . . . . .	128	72	200	128	128	95	72	72	49

<sup>1</sup>Includes Newfoundland<sup>2</sup>Except Cuba and Porto Rico



TABLE 6. *Citizenship of First Admissions*

													Males	Females	Total
Citizens by birth	.	.	.	.	.	.	.	.	.	.	.	.	127	70	197
Aliens	.	.	.	.	.	.	.	.	.	.	.	.	1	2	3
Total													128	72	200

TABLE 7. *Age of First Admissions Classified with Reference to Mental Status*

AGE GROUPS	TOTAL			IDIOT			IMBECILE			MORON		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years	76	27	103	25	8	33	36	12	48	15	7	22
10 to 14 years	37	18	55	9	2	11	11	11	22	17	5	22
15 to 19 years	10	14	24	1	3	4	4	2	6	5	9	14
20 to 24 years	5	5	10	1	1	2	2	—	2	2	4	6
25 to 29 years	—	5	5	—	—	—	—	1	1	—	4	4
30 to 34 years	—	1	1	—	—	—	—	—	—	—	1	1
35 to 39 years	—	—	—	—	—	—	—	—	—	—	—	—
40 to 44 years	—	—	—	—	—	—	—	—	—	—	—	—
45 to 49 years	—	1	1	—	—	—	—	—	—	—	1	1
50 to 54 years	—	1	1	—	—	—	—	1	1	—	—	—
Total	128	72	200	36	14	50	53	27	80	39	41	70

TABLE 8. *Marital Condition of First Admissions Classified with Reference to Mental Status*

MARITAL CONDITIONS																	
Single	.	.	.	.	.	128	71	199	36	14	50	53	27	80	39	30	69
Married	.	.	.	.	.	—	1	1	—	—	—	—	—	—	—	1	1
Total	.	.	.	.	.	128	72	200	36	14	50	53	27	80	39	31	70

TABLE 9. *Population of Place of Residence of First Admissions Classified with Reference to Mental Status*

ENVIRONMENT																
0- 2,499	.	.	.	.	7	4	11	3	-	3	3	1	4	1	3	4
2,500- 9,999	.	.	.	.	19	16	35	7	2	9	6	8	14	6	6	12
10,000- 24,999	.	.	.	.	19	9	28	4	-	4	9	5	14	6	4	10
25,000- 49,999	.	.	.	.	11	3	14	2	1	3	2	-	2	7	2	9
50,000- 99,999	.	.	.	.	10	5	15	2	3	5	5	-	5	3	2	5
100,000-249,999	.	.	.	.	30	15	45	11	1	12	12	5	17	7	9	16
250,000-499,999	.	.	.	.	32	20	52	7	7	14	16	8	24	9	5	14
500,000+	.	.	.	.	-	-	-	-	-	-	-	-	-	-	-	-
Total	.	.	.	.	128	72	200	36	14	50	53	27	80	39	31	70

TABLE 10. *Economic Condition of Families of First Admissions Classified with Reference to Mental Status*

ECONOMIC CONDITION																	
Dependent	.	.	.	.	.	49	32	81	6	5	11	21	9	30	22	18	40
Marginal	.	.	.	.	.	74	38	112	28	9	37	29	16	45	17	13	30
Comfortable	.	.	.	.	.	5	2	7	2	—	2	3	2	5	—	—	—
Total	.	.	.	.	.	128	72	200	36	14	50	53	27	80	39	31	70

TABLE 11. *Discharges Classified with Reference to Mental Status and Chronological Age*

AGE GROUP																	
Under 10 years	.	.	.	.	1	—	1	—	—	—	1	—	1	—	—	—	
10 to 14 years	.	.	.	.	2	3	5	2	1	3	—	—	—	—	2	2	
15 to 19 years	.	.	.	.	6	3	9	—	—	—	1	—	1	5	3	8	
20 to 24 years	.	.	.	.	6	10	16	—	—	—	4	2	6	2	8	10	
25 to 29 years	.	.	.	.	3	6	9	—	—	—	1	3	4	2	3	5	
30 to 34 years	.	.	.	.	—	1	1	—	—	—	—	—	—	—	1	1	
35 to 39 years	.	.	.	.	—	2	2	—	—	—	—	1	1	—	1	1	
60 years and over	.	.	.	.	—	1	1	—	—	—	—	1	1	—	—	—	
Total	.	.	.	.	18	26	44	—	2	1	3	7	7	14	9	18	27

TABLE 11a. *School Residence During this Admissions of First Court Admissions Discharged during 1933*

	Number			Average Net School Residence in Years		
	M.	F.	T.	M.	F.	T.
Idiot . . . . .	1	2	3	1.75	1.50	1.67
Imbecile . . . . .	5	6	11	8.05	9.41	8.80
Moron . . . . .	8	16	24	6.32	5.87	6.02
Total . . . . .	15	23	38	6.28	6.61	6.48

TABLE 12. *Deaths Classified with Reference to Mental Status and Chronological Age*

AGE GROUPS	TOTAL			IDIOT			IMBECILE			MORON		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years . . . . .	7	3	10	3	1	4	3	2	5	1	-	1
10 to 14 years . . . . .	3	7	10	1	4	5	-	1	1	2	2	4
15 to 19 years . . . . .	3	-	3	3	-	3	-	-	-	-	-	-
20 to 24 years . . . . .	1	5	6	1	1	2	-	3	3	-	1	1
25 to 29 years . . . . .	1	2	3	-	-	-	1	2	3	-	-	-
30 to 34 years . . . . .	-	1	1	-	1	1	-	-	-	-	-	-
35 to 39 years . . . . .	-	1	1	-	-	-	-	1	1	-	-	-
Total . . . . .	15	19	34	8	7	15	4	9	13	3	3	6

TABLE 13. *Causes of Death Classified with Reference to Mental Status*

## CAUSES OF DEATH

<i>General Diseases:</i>												
Scarlet Fever . . . . .	-	1	1	-	-	-	-	1	1	-	-	-
Influenza . . . . .	-	1	1	-	1	1	-	1	-	-	-	-
Erysipelas . . . . .	1	1	2	1	-	1	-	1	1	-	-	-
Tuberculosis of lungs . . . . .	5	7	12	4	-	4	1	5	6	-	2	2
Other forms of tuberculosis . . . . .	-	3	3	-	2	2	-	1	1	-	-	-
<i>Nervous System:</i>												
General paralysis of insane . . . . .	2	-	2	1	-	1	1	-	1	-	-	-
Epilepsy . . . . .	-	2	2	-	2	2	-	-	-	-	-	-
Other diseases of nervous system . . . . .	2	2	4	-	2	2	-	-	-	2	-	2
<i>Circulatory System:</i>												
Endocarditis and myocarditis . . . . .	1	1	2	-	-	-	-	1	1	1	-	1
<i>Respiratory System</i>												
Bronchopneumonia . . . . .	3	-	3	1	-	1	2	-	2	-	-	-
Lobar pneumonia . . . . .	-	1	1	-	-	-	-	-	-	-	1	1
Malformations . . . . .	1	-	1	1	-	1	-	-	-	-	-	-
Total . . . . .	15	19	34	8	7	15	4	9	13	3	3	6

TABLE 14. *Average Length of School Stay during This Present Admission of All Cases in Residence on September 30, 1933.*

	Number			Average Length of Residence in Years		
	M.	F.	T.	M.	F.	T.
Idiot . . . . .	182	147	329	7.60	9.43	8.42
Imbecile . . . . .	273	383	656	9.02	10.48	9.87
Moron . . . . .	259	445	704	7.16	8.93	8.28
Not mental defective . . . . .	33	26	59	5.46	8.57	6.83
Total . . . . .	747	1,001	1,748	7.87	9.59	8.85